

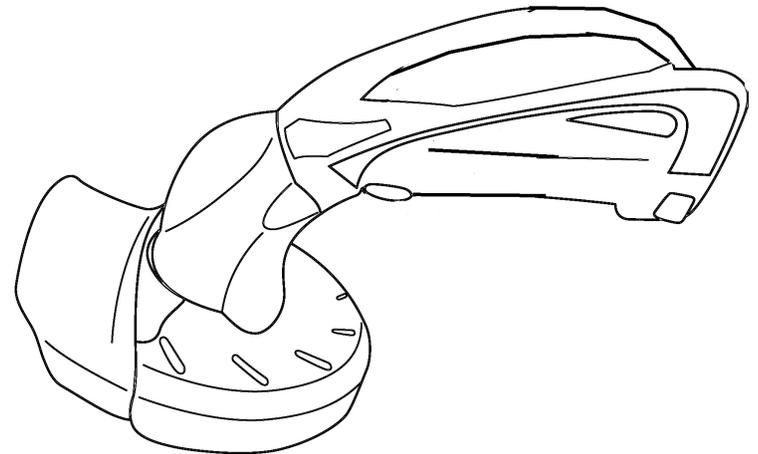
FANTOM®

Cordless Hand Held Trimmer

OWNER'S MANUAL

Model PT194H

4.8 V DC, 20 Watts



⚠ CAUTION

Before using this hand held trimmer, read this manual and follow all its Safety Rules and Operating Instructions.

- Safety Instructions
- Assembly
- Operation
- Maintenance

SAFETY & WARNING INSTRUCTIONS



WARNING! THIS MACHINE CAN CAUSE SERIOUS INJURIES.

When using the hand held trimmer basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury. Carefully read and understand the entire owner's manual before using your hand held trimmer. Pay close attention to the Operating Instructions and Safety Warnings.

READ ALL INSTRUCTIONS BEFORE USING

1. Do **NOT** leave the hand held trimmer with battery in. Remove battery pack when not in use, changing blades or servicing.
2. Avoid dangerous environments. Never operate your unit in damp or wet conditions. Moisture is a shock hazard.
3. Do **NOT** use the hand held trimmer in the rain.
4. Do **NOT** handle the unit with wet hands.
5. **Use the right tool for the right job.** Use the unit only as described in this manual. Do **NOT** use for any job except that for which it is intended.
6. Don't overreach – Keep proper footing and balance at all times.
7. Keep hair, loose clothing, dangling jewelry, fingers and parts of the body away from openings and moving parts.
8. Do **NOT** allow to be used as a toy. Close attention is necessary when used by or near children.
9. **Risk of injury.** Moving blades will cause harm. Keep hands away from moving parts while in use.
10. Do **NOT** attempt to remove cut material or hold material to be cut when the blades are moving. Make sure the battery is removed from unit when clearing jammed material from blades. Do **NOT** grasp the exposed cutting blades or cutting edges when picking up or holding the unit.
11. Before each use, inspect your unit thoroughly for loose or damaged parts. Do **NOT** use until adjustments or repairs have been made.
12. Store unit indoors, with battery pack removed.
13. Check damaged parts – Before further use of the unit, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this manual.
14. A battery operated tool with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when unused with another battery.
15. **Always disconnect battery pack from unit before making any adjustments, changing blades or storing the unit.** Such preventive measures reduce the risk of starting the tool accidentally.
16. When battery pack is not in use, keep it away from other metal objects such as paper clips, coins, keys, nails, screws, etc. that can make a connection from one terminal to the other. Shorting the battery terminals together may cause sparks, burns or a fire.
17. Use the unit in daylight or good artificial light.



WARNING: The operation of the hand held trimmer can result in foreign objects being thrown in the eyes. This can lead to severe eye damage. Before commencing power tool operation always wear safety glasses or goggles that are marked as meeting ANSI Z87.1 standards and a full face shield when needed.



ONE (1) YEAR LIMITED WARRANTY

FANTOM warrants this product to be free from defects in material and workmanship for a period of one (1) year from the date of the original purchase, when utilized for normal household use, subject to the following conditions, exclusions and exceptions.

If your appliance fails to operate properly while in use under normal household conditions within the warranty period, return the complete appliance and accessories, freight prepaid to:

FANTOM, 94 Main Mill Street, Door 16, Plattsburgh NY 12901

If the appliance is found by FANTOM to be defective in material or workmanship, FANTOM will repair or replace it free of charge. Proof of purchase date and \$12.95 to cover the cost of return shipping and handling must be included. *

Non-durable parts including, without limitation, blades and electrical parts which normally require replacement are specifically excluded from warranty.

The liability of FANTOM is limited solely to the cost of the repair or replacement of the unit at our option. This warranty does not cover normal wear of parts and does not apply to any unit that has been tampered with or used for commercial purposes. This limited warranty does not cover damage caused by misuse, abuse, negligent handling or damage due to faulty packaging or mishandling in transit. This warranty does not cover damage or defects caused by or resulting from damages from shipping or repairs, service or alterations to the product or any of its parts, which have been performed by a repair person not authorized by FANTOM.

This warranty is extended to the original purchaser of the unit and excludes all other legal and/or conventional warranties. The responsibility of FANTOM if any, is limited to the specific obligations expressly assumed by it under the terms of the limited warranty. **In no event** is FANTOM liable for incidental or consequential damages of any nature whatsoever. Some states do not permit the exclusion or limitation of incidental or consequential damages, so the above may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

***Important: Carefully pack item to avoid damage in shipping. Be sure to include proof of purchase date and to attach tag to item before packing with your name, complete address and phone number with a note giving purchase information, model number and what you believe is the problem with item. We recommend you insure the package (as damage in shipping is not covered by your warranty). Mark the outside of your package "ATTENTION CUSTOMER SERVICE". We are constantly striving to improve our products, therefore the specifications contained herein are subject to change without notice.**



OWNERSHIP REGISTRATION CARD

Please fill out and mail the product registration card within ten (10) days of purchase. The registration will enable us to contact you in the unlikely event of a product safety notification. By returning this card you acknowledge to have read and understood the instructions for use, and warnings set forth in the accompanying instructions.

RETURN TO FANTOM: 94 Main Mill Street, Door 16, Plattsburgh, NY 12901

Model PT194H

Appliance model

Date purchased

Name of store

Owner's name

Address

City

State

Zip Code

SAFETY & WARNING INSTRUCTIONS

continued

18. Keep all bystanders especially pets and children at least fifty (50) feet from the unit while using.
19. To avoid unintentionally starting the unit, do **NOT** carry unit with battery pack inside.
20. Always remain alert and use common sense when using this unit. To prevent injury to yourself and to others, **NEVER** use the hand held trimmer when you are tired.
21. **DO NOT** operate this unit while under the influence of drugs, alcohol or medication.
22. Wear safety glasses or goggles that are marked as meeting ANSI Z87.1 standards protection when operating this unit.
23. Clear the area to be trimmed before each use. Remove all objects such as, small rocks, cords, lights, wires or string which can be entangled in the cutting blade.
24. When using the hand held trimmer to trim densely weeded and grass areas, make sure that there are no power lines on the ground.
25. Wear heavy, long pants, boots, gloves and a long sleeve shirt. Do **NOT** wear loose clothing, jewelry, short pants, sandals or go barefoot. Secure long hair above shoulders.
26. Always release the On/Off trigger when cutting is delayed or when walking from one cutting location to another.
27. Keep cutting blades clean of vegetation and other materials. Blades may become clogged with debris.
28. When using the hand held trimmer, always hold the handle properly.
29. **NEVER** force the unit. It will do the job better and with less chance of injury at a rate for which it was designed.
30. If you strike or become entangled with a foreign object, stop the unit immediately and check for damage. Do **NOT** operate the hand held trimmer with loose or damaged parts.
31. **CAUTION:** Blades coast after the unit is turned off.
32. Do **NOT** operate this unit in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
33. Maintain the hand held trimmer with care. Replace the cutting blades as necessary for best performance and to reduce the risk of injury. Keep handle dry, clean and free from oil and grease. Always use a dry clean cloth when cleaning. Never use brake fluid, gasoline, petroleum-based products, or any strong solvents to clean your hand held trimmer.
34. Store the unit in a dry place either locked up or in a high shelf out of the reach of children to prevent unauthorized use or damage. **ALWAYS** remove the battery from the unit when storing.
35. **NEVER** douse or squirt the unit with water or any other liquid. Keep dry, clean and free from debris. Clean after every use. See maintenance care and storage section for further instructions.

SAVE THESE INSTRUCTIONS

For Household Use Only

SAFETY & WARNING INSTRUCTIONS

continued

37. Use only those accessories and attachments that have been found to be acceptable for use with the product. The use of any other accessory or attachment may increase risk of injury.

BATTERY/CHARGER

38. Make sure that you use the correct battery pack when recharging your hand held trimmer.
Do **NOT** charge appliance in rain, or in wet locations.
39. Make sure that the battery pack surface is clean and dry before inserting the battery back into the hand held trimmer.
40. After recharging the battery pack, unplug the charger from the electrical outlet and remove the battery pack from the charger.
41. **Always disconnect battery pack from unit before making any adjustments, changing blades or storing the tool.** Such preventive measures reduce the risk of starting the tool accidentally.
42. When battery pack is not in use in the trimmer, do not allow the battery contacts to touch and type of metal objects such as paper clips, coins, keys, nails, screws, rings and bracelets, etc. that can make a connection from one terminal to another. Shorting the battery terminals together may cause sparks, burns or a fire.
43. After recharging the battery pack, unplug the charger from the electrical outlet and remove the battery pack from the charger.
44. Charge battery pack in temperatures above 40°F (50°C) and below 122°F (50°C). Allow battery pack to return to room temperature before attempting to recharge. This is important to prevent serious damage to the battery cells.
45. Store the hand held trimmer and the battery pack in locations where the temperatures do not go below 40°F (4°C) and above 122°F (50°C).

46. Battery leakage may occur under extreme usage or temperature conditions. Do **NOT** open or mutilate battery. Avoid contact with skin and eyes. The battery liquid is caustic and could cause chemical burns to skin. If liquid comes in contact with skin, wash immediately with soap and water, then with lemon juice or vinegar. If the liquid contact your eyes, flush with water for a minimum of 10 minutes and seek medical attention.
47. When using the charger, place the charger on a flat non-flammable surface away from flammable materials. The charger and battery pack heat during charging. Carpeting and other heat insulating surfaces block proper air circulation which may cause overheating of the charger and battery pack. If smoke or melting of the case is observed, unplug charger immediately and do not use the battery pack or the charger.
48. **Do NOT put batteries into fire or expose to high heat.** They may explode.
49. Do **NOT** attempt to disassemble the battery pack or the charger. There are no serviceable parts inside.
50. "Ni-Cd" battery must be recycled or disposed of in an environmentally sound manner. **Call your nearest recycling center for information on the recycling and disposal of Ni-Cd batteries**



52. Use only the following type battery XBAT194.

MAINTENANCE

Cleaning

- After each use, remove the battery pack and any build up of grass or debris from the blade area.
- Remove and clean the protective guard cover as described on page 5.
- Clean dust and debris from the charger and the hand held trimmer. Keep unit handles clean, dry and free of oil or grease. Use only a dry lint free cloth to clean the unit, battery pack and charger since certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia.
- Never use flammable or combustible solvents around unit. Never immerse hand held trimmer, battery pack or charger in water or any other liquid.

NOTE: DO NOT CLEAN UNIT UNDER RUNNING WATER. ALWAYS USE A DRY CLOTH.

Battery Pack Removal and Disposal

A battery pack that is stored for six (6) months without being used will discharge itself. Batteries discharge at a rate of about 1% per day. Charge the battery every six months even if it is unused to maximize battery life. Do not tape the trigger in the "ON" position and leave the tool unattended as this may discharge the battery to a point where it will no longer be able to recharge.

Store your battery pack in a cool, dry place. Do not store it in a place where the temperature will exceed 120°F (50°C) such as a vehicle or metal building during the summer. High temperatures will overheat the battery pack, reducing battery life. If it is stored for several months, the battery pack will gradually lose its charge. One (1) to three (3) cycles of charging and discharging through normal use will restore the capacity of the battery pack. During the life of the battery pack the operating time between charges becomes shorter. If the operating time becomes extremely short after a proper charge, the usable life of the battery has been reached and it should be replaced.



Do not attempt to disassemble the battery pack or remove any of its components. Also, never touch both terminals with metal objects and/or body parts, as short circuit can result. Failure to comply with these warnings could result in fire and/or serious injury.



To reduce the risk of explosion, **NEVER** burn a battery pack even if it is damaged, dead or completely discharged.

This product contains nickel-cadmium battery. Must be disposed of properly. Local, state, or federal laws may prohibit disposal of Nickel-Cadmium batteries in ordinary trash. **Please consult your Yellow Pages or local recycling center for more information.**

Re-Ordering Parts

To re-order replacement parts call **FANTOM** at 1 (800) 275-9251.
Ni-Cd Battery XBAT194
Blade Sets XBLD194

SAVE THESE INSTRUCTIONS

For Household Use Only

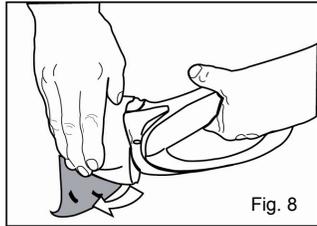
OPERATING INSTRUCTIONS

Adjusting the Blade Cover

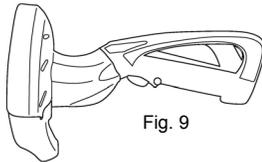
WARNING: Always remove battery before adjusting the blade cover.

The hand held trimmer can be transformed from trimmer mode to edging mode easily.

1. Grasp the blade cover on the hand held trimmer and turn the handle of the trimmer 180° counter clockwise. (Fig. 8)



2. To use as an edging tool, keep the protective blade guard in direction of area being edged. (Fig. 9)

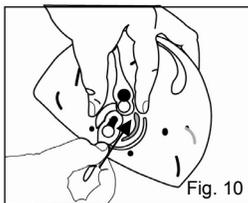


Changing the Blades

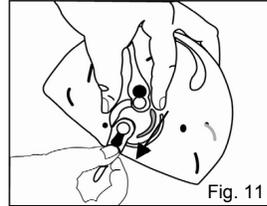
This hand held trimmer has two blades, they must be changed at the same time to ensure that the product stays balanced. If your hand held trimmer vibrates when in use, check that both blades are worn evenly.

To remove blades:

1. Always remove the battery before servicing your hand held trimmer.
2. Hold the blade hub with one hand. With the other hand, hold the blade and push in towards the center of the hub. (Fig. 10)



3. Hold the new blade in the center and place over the metal lug. Pull away from the center of the blade hub until you feel it snap into place. (Fig. 11) Repeat for the second blade.



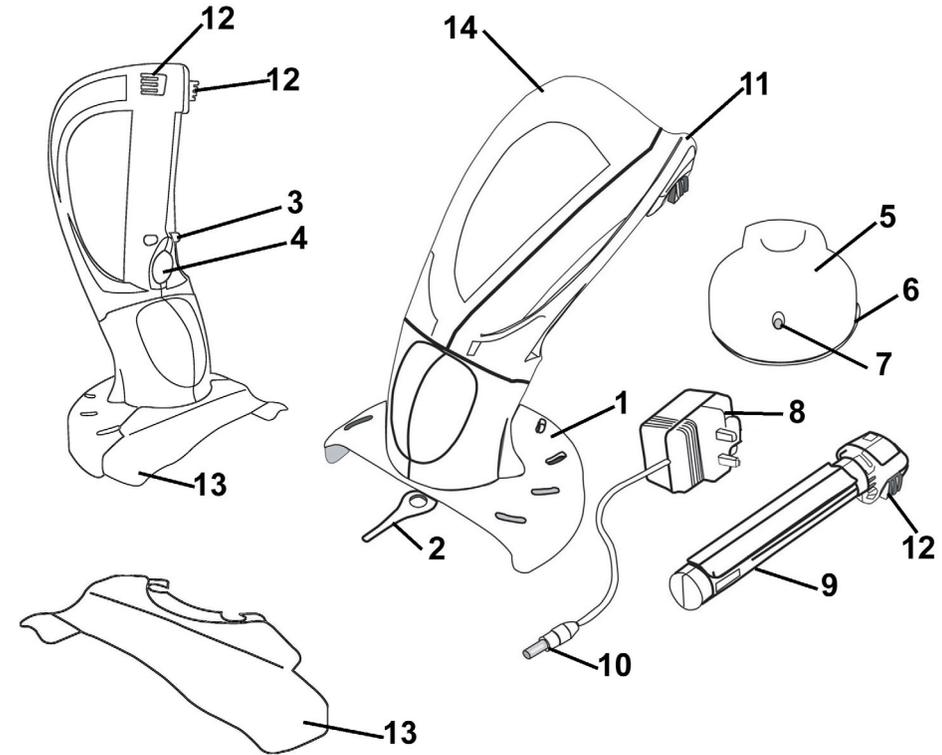
Storage

WARNING: To avoid serious personal injury, be sure that the battery pack is removed from unit before cleaning or performing any kind of maintenance on the unit.

1. Fully discharge the battery (by running the unit) and then recharge the battery for 10 hours.
2. Remove any build up of debris, and wipe all exterior surfaces with a dry lint free cloth.
3. Remove the battery and store in a dry place, away from the reach of children.
4. Always store the unit indoors to prevent damage to the unit.
5. Once a month run the unit until the battery is exhausted and then immediately charge for at least 10 hours.

NOTE: It is not necessary to oil this unit.

GETTING TO KNOW YOUR HAND HELD TRIMMER



- | | |
|---------------------------------|-----------------------------|
| 1. Blade Cover | 8. Charging Adapter |
| 2. Blade (x 3 Sets) | 9. Ni Cd Battery |
| 3. Trigger Safety Interlock | 10. Charging Jack |
| 4. On/Off Trigger | 11. Battery Compartment |
| 5. Charging Base AD-0730-UL (8) | 12. Battery Release Buttons |
| 6. Charging Jack Receptacle | 13. Protective Blade Guard |
| 7. LED Charging Light | 14. Handle |

Illustrations may differ from actual product.

NOTE: Hand held trimmer is shipped with the batteries uncharged. Charging of the unit for 10 hours prior to first use is required.

Technical Specifications

Voltage: 4.8 V DC
Power: 20 Watts

OPERATING INSTRUCTIONS

Charging the Battery

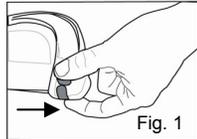
1. Charge your battery pack for a minimum of 10 hrs before you use your hand held trimmer for the first time.

NOTE: Remove the battery from the hand held trimmer before making adjustments or storing the unit. This will help prevent accidental starting of the unit which could result in serious injury.

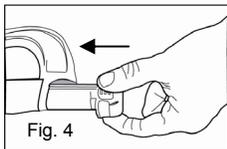
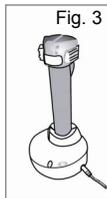
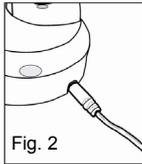
The battery requires a minimum of 10 hours charging **BEFORE** first use of the hand held trimmer.

To remove the battery:

2. Press both battery release buttons on battery in compartment and pull out from hand held trimmer. (Fig. 1)



3. Connect the charging adapter to the charger base and into a main power supply outlet. (Fig. 2)
4. Ensure that the charger base is on a flat, non-slip, dry surface. Insert the battery into the hole on top of the charger base. (Fig. 3)
5. The battery requires 10 hours to charge fully from flat. To keep the battery in optimum condition it is best to completely discharge the battery pack before recharging.
6. To replace the battery; align the battery correctly in the compartment, and push in until you hear a click. (Fig. 4)



Follow these steps when battery removal is required.

WARNING: You must never use ordinary batteries for replacement as these may leak and cause damage. Use only battery pack XBAT194 provided by **FANTOM** for replacement.

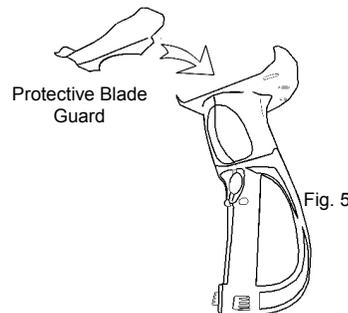
CAUTION: Any battery operated appliance should not be stored in or exposed to areas of high heat or humidity. Do not store your hand held trimmer close to stoves, radiators, furnaces or in a bathroom or bathing area.

WARNING: ONLY use provided charger AD-0730-UL when recharging your Ni-Cd battery.

Attaching the Protective Blade Guard

NOTE: Protective blade guard is only to be removed for cleaning.

1. Remove battery before attaching the protective blade guard to the hand held trimmer.
2. Hold the unit facing up and slide the protective blade guard in making sure that it locks in place. (Fig. 5)
3. To remove the protective blade guard for cleaning, remove the battery pack.
4. With the unit facing up, grasp the unit firmly with one hand and the protective blade guard with other.
5. Firmly tilt protective blade cover downwards until you hear a snap. (Fig 5)
6. Slide protective blade guard off unit.



OPERATING INSTRUCTIONS

Replace Protective Blade Guard

1. Align opening of protective guard cover with unit and gently slide back into position to lock the protective blade guard in place.

Using Your Hand Held Trimmer

WARNING: If any parts are missing, damaged or broken, **DO NOT** operate the hand held trimmer until they have been replaced. Failure to do so could result in possible serious injury.

WARNING: To prevent serious personal injury, always use the front hand grip and keep other hand free from blades during operation.

WARNING: To prevent serious personal injury, keep hands away from the blades. **DO NOT** attempt to remove cut material or hold material to be cut when blades are moving. Make sure that the battery is removed from the unit when clearing jammed material from blades. **DO NOT** grasp the blades when picking up or holding the unit.

WARNING: Clear the area to be cut before starting. Remove all objects such as cords, small rocks, lights, wire or string which may become entangled in the cutting blade.

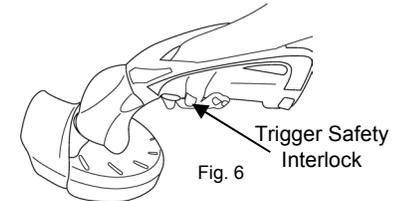
DANGER: If the blade becomes jammed on any electrical cord or line, **DO NOT TOUCH THE BLADE! IT CAN BECOME ELECTRICALLY LIVE AND VERY DANGEROUS.** Continue to hold your trimmer by the insulated handle and immediately disconnect the damaged electrical cord or line from the power source. Failure to heed this will result in serious personal injury and possibly death.

WARNING: Do not remove protective blade cover except for cleaning purposes. This unit is meant to be used with protective guard cover in place at all times during use.

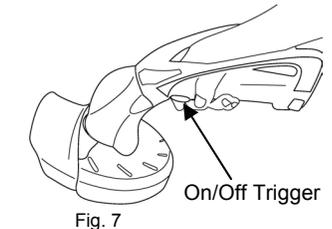
The hand held trimmer can be used for many jobs in the garden, such as, edging lawns, trimming long grass, topping weeds and thistles and non-wooden plants.

For your protection there is trigger safety interlock above the power switch. The blades **WILL NOT** operate until the trigger safety interlock has been engaged. Battery will last approximately 35 minutes under continuous use.

1. Press and hold the trigger safety interlock located just before the trigger on the handle. (Fig. 6)



2. Squeeze the On/Off trigger. (Fig. 7)



3. To stop the unit, release the On/Off trigger.

CAUTION: The blades continue to spin after the On/Off trigger is released. Wait for blades to stop spinning before releasing your grip on the handle.